

SEQUENCE LISTING

Sub A3

<110> FUJII, et al., Tadashi

<120> Gene participating in the production of homoglutamic acid and its use

<130> K-38 Mercian

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<150> JP10/232382

<151> 1998-08-05

<150> JP11/182362

<151> 1999-06-28

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<170> PatentIn Ver. 2.0

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<212> DNA

<213> Flavobacterium lutescens

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<221> CDS

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tcttcaacgc cggcagctcg atacaacggg ggcgtcagtt tacgcccctg taccgcctgt 240

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 Gly Pro Trp Val Val Ser Leu Lys Gly Ala Val Leu Tyr Asp Ala Gly  
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ggc tac ggc atg ctc ggc ttc ggc cat acc ccg gcc gat atc ctg gag 1169  
 Gly Tyr Gly Met Leu Gly Phe Gly His Thr Pro Ala Asp Ile Leu Glu  
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gcg gtc ggc aag ccg cag gtg atg gcc aac atc atg act ccc tcg ctg 1217  
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Pro	Val	Asp	Phe	Tyr	Arg	Leu	Ala	Arg	Glu	Leu	Thr	Arg	Glu	His	Gly	
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tgc	gcc	acc	ctg	gca	cg	ctg	gat	gag	ccg	gtc	cg	aac	aat	atc	cg	1985
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 Cys Glu Leu Ala Pro Gln Tyr Lys Cys Tyr Gly Ala Gly Ser Thr Glu  
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 Glu Trp Leu Arg Met His Gly Val Asn Val Ile His Gly Gly Glu Asn  
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 Ala Stop

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<212> DNA

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Thr Met His Ser Glu Arg Pro Gly His Arg Met Tyr Glu Gln Tyr Gln  
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 Glu Leu Gly Gly Asn Asn Ala Ile Ile Leu Asp Glu Thr Ala Asp Leu  
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<220>  
 <223> Description of Artificial Sequence: Synthesized  
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 amplification fragment of about 400 bp obtained  
 based on the N-terminus amino acid sequence  
 information using LAPCR in vitro cloning KIT

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 amplification fragment of about 400 bp obtained  
 based on the N-terminus amino acid sequence  
 information using LAPCR in vitro cloning KIT

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table: 1 to PstI and SacI sites, respectively

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table: 1 to PstI and SacI sites, respectively

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